

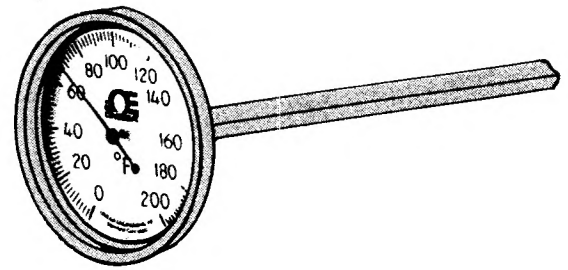


**A12P, A24P, A36P, A48P, A60P, A72P**

**A12PF, A24PF, A36PF, A48PF, A60PF, A72PF**

## **Compost Thermometers**

**Operator's Manual M1543/0992**



### **GENERAL DESCRIPTION**

The OMEGA Compost Thermometer is ideally suited for monitoring interior temperatures of compost piles and windrows. The clear, easy-to-read dial, with the pointer directly driven by the sensitive bimetal helix in the bottom of the stem, gives an accurate reading every time. These hardy thermometers are used by composters everywhere for such applications as waste disposal, recycling, and mushroom farming.

### **FEATURES**

- 1/4" Diameter Stem or Sturdier 5/16" Diameter Stem
- Rugged, All Stainless Steel Construction
- Hermetically Sealed, Will Not Fog
- Easy-to-Read 3" Diameter Dial
- Exterior Reset Adjustment
- Available in °F or °C Scales
- Stem Lengths up to 72" Long

### **OPERATION**

#### **WARNING**

The pointed stem of the thermometer is very sharp. Be careful when handling. Avoid bending the stem. A bent stem renders the instrument inoperable and non-repairable. OMEGA recommends keeping the thermometer stem in the PVC sheath when not in use.

When inserting the thermometer into a semi-solid such as compost, grasp the shaft about 6" back from the point, and push (DO NOT push the head of the thermometer - push on the stem only). Once the stem goes in 6", grasp the stem 6" farther back, and push again. Repeat until the stem is completely inserted; this method will avoid bending the stem.

The bimetal coil which senses temperature is in the bottom two inches of the stem, so if the stem is immersed 36" into a medium, it will indicate the temperature of the medium at a depth of 34" - 36".

For stems over 36", to avoid bending the stem, OMEGA recommends inserting the thermometer with its sheath on, through a pre-cored hole, and waiting three minutes before reading. Alternatively, you can remove the last three inches of sheath, to expose the end of the stem, and wait only 45 seconds.

Once the thermometer is inserted in the pile, wait at least 45 seconds before reading the temperature.

When you are finished using the thermometer, return it to its protective sheath.

Ranges/° Divisions			
Fahrenheit		Celsius	
0-100°F	1°	0-50°C	1/2°
23-125°F	1°	0-100°C	1°
-40-160°F	2°	-10-110°C	1°
0-200°F	2°	Dual	
0-250°F	2°	0-250°F/-20-120°C	2°

## AVAILABLE MODELS

Stem Lengths						
	12"	24"	36"	48"	60"	72"
Model No. 1/4" diam. stem	A12P-(* )	A24P-(* )	A36P-(* )	A48P-(* )	A60P-(* )	A72P-(* )
Model No. 5/16" diam. stem	A12PF-(* )	A24PF-(* )	A36PF-(* )	A48PF-(* )	A60PF-(* )	A72PF-(* )

\*Specify temperature range from table above.

## SPECIFICATIONS

ACCURACY:	±1% of full scale
MAX. HEAD TEMPERATURE:	200°F (93°C)
DIMENSIONS:	3" diameter dial; 1/4" or 5/16" diameter stem
DIAL:	Anodized aluminum
CRYSTAL:	Unbreakable plastic
STEM:	Type 304 stainless steel
HEAD AND BEZEL:	Polished type 302 stainless steel

## WARRANTY

OMEGA warrants this unit to be free of defects in materials and workmanship and to give satisfactory service for a period of 13 months from date of purchase. OMEGA Warranty adds an additional one (1) month grace period to the normal one (1) year product warranty to cover handling and shipping time. This ensures that our customers receive maximum coverage on each product. If the unit should malfunction, it must be returned to the factory for evaluation. Our Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective it will be repaired or replaced at no charge. However, this WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of being damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components which wear or which are damaged by misuse are not warranted. These include contact points, fuses, and traces.

We are glad to offer suggestions on the use of our various products. Nevertheless OMEGA only warrants that the parts manufactured by it will be as specified and free of defects.

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OMEGA's policy is to make running changes, not model changes, whenever an improvement is possible. That way our customers get the latest in technology and engineering.

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## RETURN REQUESTS / INQUIRIES

Direct all warranty and repair requests/inquiries to OMEGA's Customer Service Department. Call toll free in the USA and Canada: 1-800-622-2378, FAX: 203-359-7811; International: 203-359-1660, FAX: 203-359-7807.

BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, YOU MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OUR CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

FOR WARRANTY RETURNS, please have the following information available BEFORE contacting OMEGA:

1. P.O. number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems you are having with the product.

FOR NON-WARRANTY REPAIRS OR CALIBRATION, consult OMEGA for current repair/calibration charges. Have the following information available BEFORE contacting OMEGA:

1. Your P.O. number to cover the COST of the repair/calibration,
2. Model and serial number of the product,
3. Repair instructions and/or specific problems you are having with the product.